

JAN 22 2009

PATENT

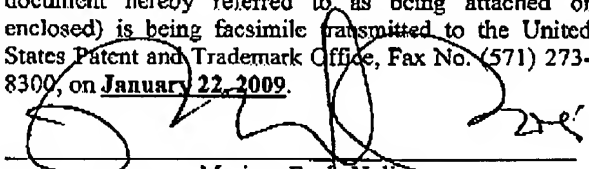
The Eclipse Group Docket No. ST04002USU (244-US-U1)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

DOCKET NO.: ST04002USU (244-US-U1)
APPLICANT: Henry Falk et al.
TITLE: DYNAMIC MEMORY ALLOCATION AND SHARING IN
ELECTRONIC SYSTEMS
SERIAL NO.: 10/762,852
FILING DATE: January 22, 2004
EXAMINER: WALTER, Craig E.
GROUP ART UNIT: 2188
CONFIRMATION NO.: 5848

CERTIFICATE OF TRANSMISSION

I certify that this correspondence (along with any other document hereby referred to, as being attached or enclosed) is being facsimile transmitted to the United States Patent and Trademark Office, Fax No. (571) 273-8300, on January 22, 2009.


Mariana Paula Noli

Attn: Irvin Dingle
Petition Examiner
Mail Stop Petition
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313

RENEWED PETITION UNDER 37 CFR 1.137(b)

Dear Mr. Dingle:

This is responsive to the Decision on Petition mailed September 22, 2008 (a copy of which is submitted herewith), for which a shortened statutory period for reply expired on November 22, 2008. A Petition for a Two-Month Extension of Time and appropriate fee are being filed concurrently herewith to extend the time for reply to January 22, 2009. Accordingly, the present paper is believed to have been timely filed under MPEP § 710.05.

Applicants' Petition for Revival of an Application for Patent Abandoned Unintentionally Under 37 CFR 1.137(b) filed May 15, 2008 was dismissed because this Petition for Revival did not satisfy the requirements of 37 CFR § 1.137(b)(1) in that the Petition for Revival did not include "the required reply, unless previously filed."

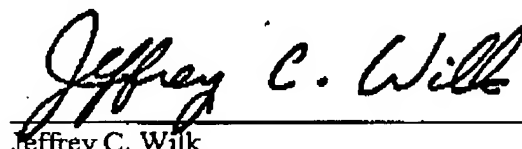
In response to this holding of the Decision on Petition, Applicants respectfully submit that the required reply was in fact submitted with Applicants' Petition for Revival. Specifically, the required reply consisted of a Request for Continued Examination (RCE) Transmittal, Supplemental Information Disclosure Statement, a Form PTO-1449 (4 pages), together with payment of the required fee for the RCE (a copy of these documents submitted with Applicants' Petition for Revival are resubmitted herewith).

The RCE was properly filed prior to payment of the issue fee and contained the submission required by 37 CFR § 1.114(a) (*see* MPEP § 706.07(h)). Therefore the RCE and the related documents submitted therewith constituted a proper reply to "the outstanding Office action or notice", *i.e.*, the Notice of Allowance and Fee(s) Due mailed October 5, 2006 and thus satisfies the requirements of 37 CFR § 1.137(b)(1). Applicants therefore respectfully request that this Renewed Petition be granted.

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to our Deposit Account No. 50-2542.

Respectfully submitted,
THE ECLIPSE GROUP LLP

Dated: 1/22/2009



Jeffrey C. Wilk
The Eclipse Group LLP
10605 Balboa Blvd., Suite 300
Granada Hills, CA 91344
(818) 488-8148 Telephone
(818) 332-4205 Fax
jcw@eclipsegrp.com

Enclosure

Customer No.: 34408

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UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patent
United States Patent and Trademark Office
P.O. Box 145
Alexandria, VA 22313-145
www.uspto.gov



THE ECLIPSE GROUP LLP
10605 BALBOA BLVD., SUITE 300
GRANADA HILLS, CA 91344

COPY MAILED
SEP 22 2008

In re Application of
Henry Falk et al
Application No. 10/762,852
Filed: January 22, 2004
Attorney Docket No. SIRF.P244

ON PETITION

This is a decision on the petition under the unintentional provisions of 37 CFR 1.137(b), filed May 20, 2008, to revive the above-identified application.

The petition is **DISMISSED**.

Any request for reconsideration of this decision must be submitted within TWO (2) MONTHS from the mail date of this decision. Extensions of time under 37 CFR 1.136(a) are permitted. The reconsideration request should include a cover letter entitled "Renewed Petition under 37 CFR 1.137(b)." This is not a final agency action within the meaning of 5 U.S.C. § 704.

The application became abandoned for failure to timely pay the issue and publication fees on or before January 5, 2007, as required by the Notice of Allowance and Fee(s) Due, mailed October 5, 2006, which set a statutory period for reply of three (3) months. This petition can not be granted until the Issue fee payment is received. Accordingly, the application became abandoned on January 6, 2007.

A grantable petition under 37 CFR 1.137(b) must be accompanied by: (1) the required reply, unless previously filed; (2) the petition fee as set forth in 37 CFR 1.17(m); (3) a statement that the entire delay in filing the required reply from the due date for the reply until the filing of a grantable petition pursuant to 37 CFR 1.137(b) was unintentional; and (4) any terminal disclaimer (and fee as set forth in 37 CFR 1.20(d)) required by 37 CFR 1.137(d). Where there is a question as to whether either the abandonment or the delay in filing a petition under 37 CFR 1.137 was unintentional, the Director may require additional information. See MPEP 711.03(c)(II)(C) and (D). The instant petition lacks item(s) (1).

Further correspondence with respect to this matter should be addressed as follows:

Application No. 10/762,852

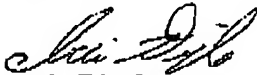
Page 2

By Mail: Mail Stop PETITION
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

By hand: U. S. Patent and Trademark Office
Customer Service Window, Mail Stop Petitions
~~Randolph Building~~
401 Dulany Street
Alexandria, VA 22314

The centralized facsimile number is (571) 273-8300.

Telephone inquiries concerning this decision should be directed to the undersigned at (571) 272-3210.


Irvin Dingle
Petition Examiner
Office of Petitions

JAN 22 2009

PTO/SB/64 (01-08)

Approved for use through 05/31/2008. OMB 0851-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**PETITION FOR REVIVAL OF AN APPLICATION FOR PATENT
ABANDONED UNINTENTIONALLY UNDER 37 CFR 1.137(b)**Docket Number (Optional)
ST04002USU (244-US-U1)

First named Inventor: Henry Falk

Application No.: 10/762,852

Art Unit: 2188

Filed: 01/22/2004

Examiner: WALTER, Craig E.

Title: Dynamic Memory Allocation and Sharing In Electronic Systems

Attention: Office of Petitions
Mail Stop Petition
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
FAX (571) 273-8300

NOTE: If information or assistance is needed in completing this form, please contact Petitions Information at (571) 272-3282.

The above-identified application became abandoned for failure to file a timely and proper reply to a notice or action by the United States Patent and Trademark Office. The date of abandonment is the day after the expiration date of the period set for reply in the office notice or action plus an extensions of time actually obtained.

APPLICANT HEREBY PETITIONS FOR REVIVAL OF THIS APPLICATION

NOTE: A grantable petition requires the following items:

- (1) Petition fee;
- (2) Reply and/or issue fee;
- (3) Terminal disclaimer with disclaimer fee - required for all utility and plant applications filed before June 8, 1995; and for all design applications; and
- (4) Statement that the entire delay was unintentional.

1. Petition fee☐ Small entity-fee \$ _____ (37 CFR 1.17(m)). Applicant claims small entity status. See 37 CFR 1.27.☒ Other than small entity - fee \$ 1,540.00 (37 CFR 1.17(m))**2. Reply and/or fee**A. The reply and/or fee to the above-noted Office action in
the form of Request for Continued Examination (\$810.00) (identify type of reply):
☐ has been filed previously on _____
☒ is enclosed herewith. 05/28/2008 NGUYEN1 88888188 18762852
B. The issue fee and publication fee (if applicable) of \$ 01 FC:1453 1548.00 07
☐ has been paid previously on _____
☐ is enclosed herewith.

[Page 1 of 2]

This collection of information is required by 37 CFR 1.137(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Petition, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PTO/SB/64 (01-08)

Approved for use through 06/31/2008, OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

3. Terminal disclaimer with disclaimer fee

☐ Since this utility/plant application was filed on or after June 8, 1995, no terminal disclaimer is required.

☐ A terminal disclaimer (and disclaimer fee (37 CFR 1.20(d)) of \$ _____ for a small entity or \$ _____ for other than a small entity) disclaiming the required period of time is enclosed herewith (see PTO/SB/63).

4. STATEMENT: The entire delay in filing the required reply from the due date for the required reply until the filing of a grantable petition under 37 CFR 1.137(b) was unintentional. (NOTE: The United States Patent and Trademark Office may require additional information if there is a question as to whether either the abandonment or the delay in filing a petition under 37 CFR 1.137(b) was unintentional (MPEP 711.03(c), subsections (III)(C) and (D)).)

WARNING:

Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.

Jeffrey C. Wilk
Signature

May 15, 2008

Date

Jeffrey C. Wilk

Typed or printed name

42,227

Registration Number, if applicable

10605 Balboa Blvd., Suite 300

Address

(818) 488-8148

Telephone Number

Granada Hills, CA 91344

Address

Enclosures: ☒ Fee Payment☒ Reply☐ Terminal Disclaimer Form☐ Additional sheets containing statements establishing unintentional delay☒ Other: Request for Continued Examination and Supplemental IDS.**CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR 1.8(a)]**

I hereby certify that this correspondence is being:

☐ Deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop Petition, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

☒ Transmitted by facsimile on the date shown below to the United States Patent and Trademark Office at (571) 273-8300.

May 15, 2008

Date

Signature

Mariana Paula Noli

Typed or printed name of person signing certificate

(Page 2 of 2)



JAN 22 2009

PTO/SB/30 (01-08)

Approved for use through 02/29/2008, OMB 0851-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Request for Continued Examination (RCE) Transmittal

Address to:
Mail Stop RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Application Number	10762.852
Filing Date	January 22, 2004
First Named Inventor	Henry Falk
Art Unit	2188
Examiner Name	WALTER, Craig E.
Attorney Docket Number	ST04002USU (244-US-U1)

This is a Request for Continued Examination (RCE) under 37 CFR 1.114 of the above-identified application. Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1995, or to any design application. See Instruction Sheet for RCEs (not to be submitted to the USPTO) on page 2.

1. **Submission required under 37 CFR 1.114** Note: If the RCE is proper, any previously filed unentered amendments and amendments enclosed with the RCE will be entered in the order in which they were filed unless applicant instructs otherwise. If applicant does not wish to have any previously filed unentered amendment(s) entered, applicant must request non-entry of such amendment(s).

- a. ☐ Previously submitted. If a final Office action is outstanding, any amendments filed after the final Office action may be considered as a submission even if this box is not checked.
- i. ☐ Consider the arguments in the Appeal Brief or Reply Brief previously filed on _____
- ii. ☐ Other _____
- b. ☒ Enclosed
- i. ☒ Amendment/Reply
- ii. ☐ Affidavit(s)/ Declaration(s)
- iii. ☒ Information Disclosure Statement (IDS)
- iv. ☐ Other _____

2. Miscellaneous

- a. ☐ Suspension of action on the above-identified application is requested under 37 CFR 1.103(c) for a period of _____ months. (Period of suspension shall not exceed 3 months; Fee under 37 CFR 1.17(f) required)
- b. ☐ Other _____

3. Fees

- The RCE fee under 37 CFR 1.17(e) is required by 37 CFR 1.114 when the RCE is filed.
- The Director is hereby authorized to charge the following fees, any underpayment of fees, or credit any overpayments, to Deposit Account No. 50-2542. I have enclosed a duplicate copy of this sheet.
- a. ☒ RCE fee required under 37 CFR 1.17(e) **05/20/2008 HNGUYEN1 88089188 10762852**
- ii. ☐ Extension of time fee (37 CFR 1.136 and 1.17) **02 FC:1801** **\$10.00**
- iii. ☒ Other Petition Filing Fee (\$1,540.00)
- b. ☐ Check in the amount of \$ _____ enclosed
- c. ☒ Payment by credit card (Form PTO-2038 enclosed)

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

Signature	<i>Jeffrey C. Wink</i>	Date	May 15, 2008
Name (Print/Type)	Jeffrey C. Wink	Registration No.	42,227

CERTIFICATE OF MAILING OR TRANSMISSION

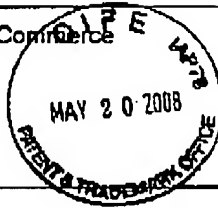
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop RCE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 or facsimile transmitted to the U.S. Patent and Trademark Office on the date shown below.

Signature	<i>Mariana Paula Noli</i>	Date	May 15, 2008
Name (Print/Type)	Mariana Paula Noli		

This collection of information is required by 37 CFR 1.114. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop RCE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

JAN 22 2009

FORM PTO-1449 U.S. Department of Commerce
Patent and Trademark OfficeAttorney Docket No.:
ST04002USU (244-US-U1)Serial No.:
10/762,852

List of Documents Cited by Applicant

Applicant(s): Henry Falk et al.

Filing Date: 01/22/2004

Group: 218

U.S. PATENT DOCUMENTS

Examiner Initial	No.	Document Number	Date	Name	Class	Subclass	Filing date Approp
	01	5,663,734	09/02/1997	Krasner			
	02	5,663,735	09/02/1997	Eshenbach			
	03	5,781,156	07/14/1998	Krasner			
	04	5,812,087	09/22/1998	Krasner			
	05	5,825,327	10/20/1998	Krasner			
	06	5,831,574	11/03/1998	Krasner			
	07	5,841,396	11/24/1998	Krasner			
	08	5,874,914	02/23/1999	Krasner			
	09	5,884,214	03/16/1999	Krasner			
	10	5,945,944	08/31/1999	Krasner			
	11	5,999,124	12/07/1999	Sheynblat			
	12	6,002,363	12/14/1999	Krasner			
	13	6,016,119	01/18/2000	Krasner			
	14	6,052,081	04/18/2000	Krasner			
	15	6,061,018	05/09/2000	Sheynblat			
	16	6,064,336	05/16/2000	Krasner			
	17	6,104,338	08/15/2000	Krasner			
	18	6,104,340	08/15/2000	Krasner			
	19	6,107,960	08/22/2000	Krasner			

Serial No.: 10/762,852

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	20	6,111,540	08/29/2000	Krasner			
	21	6,131,067	10/10/2000	Girerd			
	22	6,133,871	10/17/2000	Krasner			
	23	6,133,873	10/17/2000	Krasner			
	24	6,133,874	10/17/2000	Krasner			
	25	6,150,980	11/21/2000	Krasner			
	26	6,185,427	02/06/2001	Krasner			
	27	6,208,290	03/27/2001	Krasner			
	28	6,208,291	03/27/2001	Krasner			
	29	6,215,441	04/10/2001	Moeglein			
	30	6,215,442	04/10/2001	Sheynblat			
	31	6,236,354	05/22/2001	Krasner			
	32	6,239,742	05/29/2001	Krasner			
	33	6,259,399	07/10/2001	Krasner			
	34	6,272,430	08/07/2001	Krasner			
	35	6,289,041	09/11/2001	Krasner			
	36	6,307,504	10/23/2001	Sheynblat			
	37	6,313,786	11/06/2001	Sheynblat			
	38	6,314,308	11/06/2001	Sheynblat			
	39	6,377,209	04/23/2002	Krasner			
	40	6,408,196	06/18/2002	Sheynblat			
	41	6,411,254	06/25/2002	Moeglein			
	42	6,411,892	06/25/2002	Van Diggelen			
	43	6,417,801	07/09/2002	Van Diggelen			
	44	6,421,002	07/16/2002	Krasner			

Serial No.: 10/762,852

Page 3

	45	6,429,814	08/06/2002	Van Diggelen, et al.			
	46	6,433,731	08/13/2002	Sheynblat			
	47	6,453,237	09/17/2002	Fuchs, et al.			
	48	6,487,499	11/26/2002	Fuchs, et al.			
	49	6,484,097	11/19/2002	Fuchs, et al.			
	50	6,510,387	01/21/2003	Fuchs, et al.			
	51	6,542,821	04/01/2003	Krasner			
	52	6,583,757	06/24/2003	Krasner			
	53	6,597,311	07/22/2003	Sheynblat			

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Name of Patentee or Applicant	Translation Yes No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	54	Marketing Material: Qualcomm CDMA Technologies – Integrated Solutions – MGP6200™ Multimode GPS Processor (8 pages)
	55	Marketing Material: uNav Microelectronics – uN9x18 Low Power, High Performance GPS Receiver Chipset/uN9x18 GPS Receiver Solution (9 pages)
	56	Marketing Material: uNav Microelectronics, uN9x18 Low Power, High Performance GPS Receiver Chipset (2 pages)

Serial No.: 10/762,852

Page 4

57	Marketing Material: Global Locate -- Hammerhead II™, Single Chip AGPS Solution (3 pages)
58	Marketing Material/Press Release: Broadcom Introduces Advanced Single-Chip GPS Solution for Mobile Applications (3 pages)
59	Marketing Material/White Paper: SnapTrack: A Qualcomm Company – SnapTrack Wireless Assisted GPS™ (A-GPS) Solution Provides the Industry's Best Location System – Location Technologies for GSM, GPRS and WCDMA Networks (Qualcomm CDMA Technologies: Enabling the Future of Communications) (4 pages)
60	New Fast GPS Code Acquisition Using FFT, Electronic Letters, vol. 27 No. 2, pp. 160 (1991) (2 pages)
61	Novel Fast GPS/GLONASS Code Acquisition Technique Using Low Update Rate Electronic Letters, vol. 28 No. 9, pp. 863-865 (3 pages)

EXAMINER _____

DATE CONSIDERED _____

*Examiner Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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JAN 22 2009

PATENT

Docket No.: ST04002USU (244-US-U1)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: SiRF Technology, Inc.

Title: Dynamic Memory
Allocation and Sharing
in Electronic Systems

Serial No.: 10/762,852

Filed: 01/22/2004

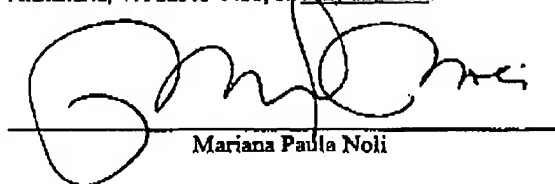
First Named
Inventor: Henry Falk

Art Unit: 2188

Examiner: WALTER, Craig E.

CERTIFICATE OF MAILING

I hereby certify that this correspondence (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, United States Patent and Trademark Office, Alexandria, VA 22313-1450, on May 15, 2008.



Mariana Paula Noli

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Dear Commissioner:

In accordance with 37 C.F.R. 1.56, 1.97, and 1.98, Applicant's undersigned attorney brings to the attention of the U.S. Patent and Trademark Office the documents listed on the attached supplemental Form PTO-1449. This Information Disclosure Statement is being filed together with a Request for Continued Examination ("RCE"); therefore, no fees under 37 C.F.R. 1.17(p) are required. A credit card authorization in the

Serial No. 10/762,852

PATENT
Docket No.: ST04002USU (244-US-U1)

amount of US\$810.00 is enclosed in payment of the fee under 37 C.F.R. 1.17(e) for the RCE.

The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 C.F.R. § 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists. The filing of this information disclosure statement shall not be construed as an admission against interest in any manner. Notice of January 9, 1992, 1135 O.G. 13-25, at 25.

The Commissioner is authorized to charge any additional fees that may be required for this Information Disclosure Statement Transmittal, or to credit any overpayment, to Deposit Account No. 50-2542. A duplicate copy of this letter is enclosed.

Respectfully submitted,

THE ECLIPSE GROUP LLP

Date: 15-May-2008

By:


Jeffrey C. Wilk, Reg. No. 42,227

Phone: (818) 488-8148

Fax: (818) 332-4205

Customer No. 34408

Serial No. 10/762,852

- 2 -